

PHOTOGRAPHIC INTERPRETATION REPORT



VITAL RECORDS COPY

**IMENI GASTELLO
ICBM COMPLEX
USSR**

Declass Review by
NIMA/DOD

TCS-80208/67

APRIL 1967

COPY **116**

6 PAGES

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TCS-80208/67

PREFACE

This report updates and supersedes TCS-80773/66, Imeni Gastello ICBM Complex, USSR, 1/ the initial report in a series prepared in response to CIA Requirement C-DI5-82,972 requesting detailed line drawings, to scale, of elements of the complex. The information contained herein is based on KEYHOLE photography through [REDACTED] Individual reports will be updated periodically to reflect changes observed on subsequent photography.

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IMENI GASTELLO ICBM COMPLEX, USSR

The Imeni Gastello ICBM Complex (Figure 1) is in the south-central part of the Steppe Region of Central Siberia. It is about 300 nm southeast of Magnitogorsk, the nearest large city. The complex support facility is on the northwest outskirts of Derzhavinskoye, a town about 2.5 nm south of Imeni Gastello.

The complex, at present, contains 25 Type IIIC launch sites deployed in 4 groups arranged in the shape of an inverted L. The 3 launch groups in the staff of the L cover an area about 12 nm wide and 38 nm north-to-south. The base of the L extends westward about 15 nm and is about 8.0 nm wide.

The complex is west of the Ishim river, in a sparsely populated region where most of the small towns and villages are situated along the riverbanks. Agriculture is the principal occupation, with wheat the predominant crop. The terrain is gently rolling, well-drained, treeless steppe land. Elevations range from about 600 feet in drains, to over 1,000 feet at the highest points.

The Steppe Region is the warmest part of Western Siberia. Snow cover is normally limited to the period from early November to mid-April. The average temperature in January is close to 0°F. Summers are quite warm and temperatures vary little. The average temperature in July is about 68°F. The region has an overall annual cloud cover average of about 60 percent. A substantial seasonal variation exists, with averages reaching a minimum in February and March, and a less definite minimum again in July and August. During these periods of minimum cloudiness, about one-third to one half of the days are clear. Maximum cloudiness occurs from October through December when one-fourth or less of the days are clear.

Transportation into the complex is dependent on rail facilities. The complex support facility and the rail-to-road transfer point are served from a single-track rail line that branches off the Magnitogorsk-Akmolinsk line at Yesil, about 51 nm north of the complex, and terminates about 4.0 nm south of the complex. A network of local roads connects the towns and villages in the area, but no cross-country highways exist. A complex road system is under construction and, as the launch sites are completed, a well-engineered road is constructed to each site.

The Imeni Gastello Complex was first observed in [REDACTED] when the complex support facility and 2 launch sites were under construction. Five more launch sites were started [REDACTED] for a total of 7 sites in that year. [REDACTED] construction was initiated on 8 more sites, and [REDACTED] an additional 10 sites were started. All sites in Launch Groups A and B are complete, and Launch Groups C and D are in a midstage of construction.

The construction rate at this complex is about average for Type IIIC complexes. There is ample room for expansion of the complex, and construction will no doubt continue for at least another 2 years.

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IMENI GASTELLO ICBM COMPLEX, USSR

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Component	Type	Geographic Coordinates
Complex Support Facility	--	51-07N 066-18E
Launch Group A		
Launch Site 1A	UIC	51-03N 066-05E
Launch Site 2A	UIC	51-06N 066-01E
Launch Site 3A	UIC	51-10N 066-05E
Launch Site 4A**	UIC	51-07N 066-12E
Launch Site 5A	UIC	51-13N 066-11E
Launch Site 6A	UIC	51-13N 066-05E
Launch Group B		
Launch Site 7B**	UIC	50-57N 066-08E
Launch Site 8B	UIC	50-57N 065-59E
Launch Site 9B	UIC	50-57N 066-16E
Launch Site 10B	UIC	50-52N 066-17E
Launch Site 11B	UIC	50-52N 066-00E
Launch Site 12B	UIC	50-51N 066-09E
Launch Group C		
Launch Site 13C	UIC	50-56N 065-50E
Launch Site 14C	UIC	50-54N 065-42E
Launch Site 15C	UIC	50-54N 065-34E
Launch Site 16C	UIC	51-02N 065-50E
Launch Site 17C**	UIC	51-01N 065-41E
Launch Site 18C	UIC	51-00N 065-31E
Launch Group D		
Launch Site 19D	UIC	51-19N 066-16E
Launch Site 20D	UIC	51-24N 066-15E
Launch Site 22D	UIC	51-26N 066-08E
Launch Site 23D	UIC	51-19N 066-07E
Launch Site 24D	UIC	51-26N 065-57E
Launch Site 25D	UIC	51-20N 065-58E
Launch Site 21N	UIC	51-06N 066-16E

** Control Site with L-shaped electronics facility

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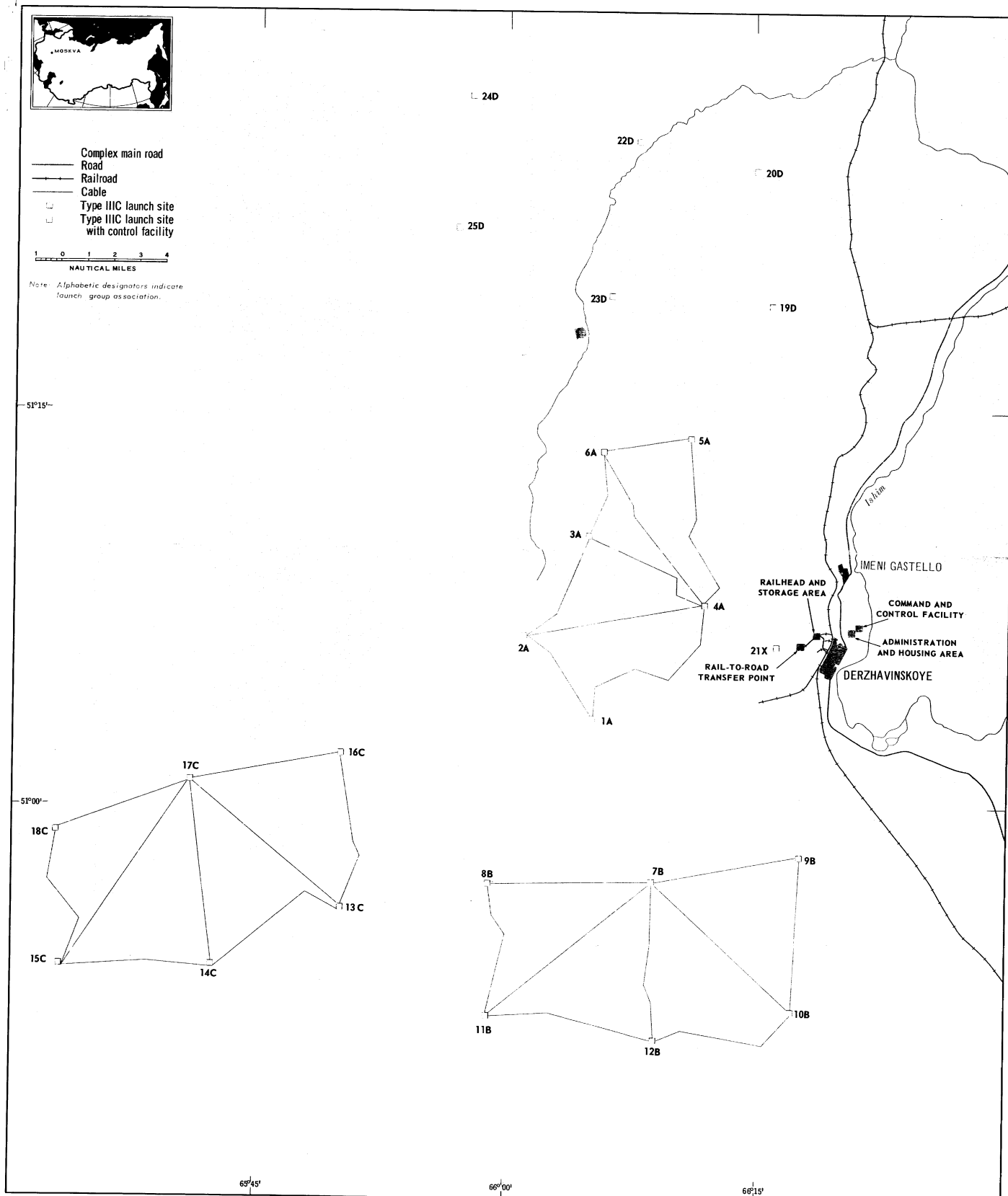


FIGURE 1. LOCATION OF IMENI GASTELLO ICBM COMPLEX.

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REFERENCES

DOCUMENT

1. NPIC. TCS-80773/66, *Imeni Gastello ICBM Complex, USSR*, Aug 66 (TOP SECRET RUFF)

REQUIREMENT

CIA. C-DI5-82,972

NPIC PROJECT

11210/66 (partial answer)

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